

20030704.qrp v02_n971.qrl.20030704

Date: Fri, 4 Jul 2003 19:03:12 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2971

QRP-L Digest 2971

Topics covered in this issue include:

- 1) [153543] Re: 5MHz INFO
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 2) [153544] Dan N7VE
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 3) [153545] Re: Capacitor checker
by Tim Groat <tcgroat@earthlink.net>
- 4) [153546] WRC 7-MHz Realignment compromise
by Garie Halstead <khyberpass65@yahoo.com>
- 5) [153547] Re: Field Day With Little or No Organization
by wkhibbert@juno.com
- 6) [153548] Antenna Analyzers
by Vin Santis <vsantis@earthlink.net>
- 7) [153549] RE: Indy QRP Activities?
by "Jonesy K9NX" <k9nx@insightbb.com>
- 8) [153550] Re: SWL RIT Kit
by "Jim Stamper" <jstamper@shentel.net>
- 9) [153551] RE: Antenna Analyzers
by "Lyle Johnson" <wa7gxd@fidalgo.net>
- 10) [153552] Selling gear on the list
by Ray Sills <raysills@1stconnect.com>
- 11) [153553] Re: Antenna Analyzers
by "Jim Stamper" <jstamper@shentel.net>
- 12) [153554] AADE meter for capacitance
by Steve Ratzlaff <steveratz@eoni.com>
- 13) [153555] Re: Antenna Analyzers
by Dave Hottell <hottell@gulftel.com>
- 14) [153556] 5 Meg signals
by Fred Lesnick <flesnick@tbaytel.net>
- 15) [153557] Epson Programmable Oscillator = lousy phase noise
by Steve Ratzlaff <steveratz@eoni.com>
- 16) [153558] Re: Epson Programmable Oscillator = lousy phase noise
by "Conard Murray" <ws4s@charter.net>
- 17) [153559] Re: Selling gear on the list
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 18) [153560] Re: FD "Tick... Boom"
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 19) [153561] Re: 5MHz INFO

by "Nick Kennedy" <nkennedy@tcainternet.com>
20) [153562] Re: [Re: FD
by Michael Goins <mgoins@usa.net>
21) [153563] Re: 5MHz INFO
by Lee Mairs <lmairs@direcway.com>
22) [153564] Re: AADE meter for capacitance
by "Nick Kennedy" <nkennedy@tcainternet.com>
23) [153565] Re: AADE meter for capacitance
by Chuck Carpenter <w5usj@9plus.net>
24) [153566] Re: 5 Meg signals
by Karl Larsen <k5di@msn.com>
25) [153567] RE: 5 Meg signals
by "Bob & Janet" <jbcraft@adelphia.net>
26) [153568] Re: 5MHz INFO
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
27) [153569] THE "TOO MUCH STUFF" FOR SALE STATUS REPORT
by "Dick Schneider" <schneiderdick@qwest.net>
28) [153570] Re: 5MHz INFO
by Alex <kr1st@amsat.org>
29) [153571] Re: 5MHz INFO
by Alex <kr1st@amsat.org>
30) [153572] AT SPRINT
by Chuck <WA6LTV@comcast.net>
31) [153573] RE: 5MHz INFO
by Adam Farson <farson@shaw.ca>
32) [153574] 60 meters
by Fran Flynn <fflynn@adelphia.net>
33) [153575] Re: Selling gear on the list
by Ed Tanton <n4xy@earthlink.net>
34) [153576] Log for TAC Sprint Wanted
by "Ron Polityka" <wb3aal@fast.net>
35) [153577] Re: Selling gear on the list
by Dan Copeland <n0dt1@swbell.net>
36) [153578] Re: 5 Meg signals
by "John L. Sielke" <jsielke@pobox.com>
37) [153579] My first contacts on 60 meters this morning...
by "Bill, N4QA" <n4qa@hotmail.com>
38) [153580] WTB or Trade: Red Hot Radio 40 or NorCal 40 with TiCK Keyer
by "Jeff Imel" <jeffimel@hotmail.com>
39) [153581] Re: WTB or Trade: Red Hot Radio 40 or NorCal 40 with TiCK Keyer
by "Jeff Imel" <jeffimel@hotmail.com>
40) [153582] Re: N3VXI off to NC
by Jim Eshleman <jce0@Lehigh.EDU>
41) [153583] Re: Trip Announcement: July 5 thru July 12th
by "Michael G. Heitmann" <n0so@charter.net>
42) [153584] Re: Antenna Analyzers
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
43) [153585] Way OT - Sparc Station suggestion

by Karl Heimbach <kheimbach@ev1.net>
44) [153586] 6 meters
by "Emmersome Bigguns" <n8ie@woh.rr.com>
45) [153587] Transistor Socket
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
46) [153588] Re: 5 Meg signals
by Dave Hottell <hottell@gulftel.com>
47) [153589] Re: FD "Tick... Boom"
by "Thomas Kuehl" <ac7a@earthlink.net>
48) [153590] Tenna Dipper mirror site
by "Gene Sailsbury" <gsailsbury@mobil1.net>
49) [153591] Happy fourth, c u'all tomorrow
by hamjoel@juno.com
50) [153592] Re: Antenna Analyzers
by Steve.Lawrence@ITWFEG.COM
51) [153593] Auterk analyzer redux
by "AI2Q" <ai2q@adelphia.net>
52) [153594] FOX: N4DD Final Log. Thanks
by "Dennis Brickey" <n4dd@preferred.com>
53) [153595] Re: Transistor Socket
by Lee Mairs <lmairs@direcway.com>
54) [153596] Re: Way OT - Sparc Station suggestion
by David Hinerman <WD8CIV@worldnet.att.net>
55) [153597] Re: Auterk analyzer redux
by David Hinerman <WD8CIV@worldnet.att.net>
56) [153598] Quasi-Slinky Antenna?
by Al Scanandoah <k2zn@rochester.rr.com>
57) [153599] Re: Transistor Socket
by "Leon Heller" <leon_heller@hotmail.com>
58) [153600] Re: Transistor Socket
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
59) [153601] Re: 5 Meg signals
by Alex <kr1st@amsat.org>
60) [153602] Re: Quasi-Slinky Antenna?
by Alex <kr1st@amsat.org>
61) [153603] Re: FD "Tick... Boom"
by Bud Rogers <budr@sirinet.net>
62) [153604] serious thought, really
by hamjoel@juno.com

Date: Thu, 3 Jul 2003 19:04:47 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Ed Tanton <n4xy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153543] Re: 5MHz INFO
Message-ID: <20030703185516.T7287-100000@unix1.vhost.min.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 2003, Ed Tanton wrote:

>

> Of course this was a STUPID thing by the FCC. Of course the conditions they
> have set forth are poorly delineated. But of course, they have the upper
> hand no matter angry we may feel at them.

The FCC is simply enforcing the will of the other Federal agencies....you
need to put the blame where it belongs....the Federal Emergency Step on
our Rights, or whatever it's called. The FCC is simply a guard dog for
them.

> Thus my own, personal, solution
> to not touch it (operation on 5MHz) with a ten foot pole.

Here we agree...I don't need a channelized band for casual
conversations...

And one wonders if the Feds are logging call signs...after all, they
might have a vested interest in knowing who has equipment that can operate
on "their" channels....and perhaps a master list of known good channel
operators.

It boogles the mind that as communicators we hams would line up to
fight each other for qso's on 5 frequencies.

Maybe Ed, the next step for the 00 volunteers is to act as Channel
Moderators....after all, someone needs to keep someone else from
hogging the frequency (g).

> All in all, as I said: this is not a good thing.

Couldn't agree more.

> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".

Hm...how many channels can they fit into 40 meters?

Thom

baltimoremd@baltimoremd.com
http://www.baltimoremd.com/
http://www.baltimorehon.com/
http://www.zerobeat.net
http://www.tlchost.net

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Thu, 3 Jul 2003 18:13:28 -0500
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [153544] Dan N7VE
Message-ID: <000b01c341b8\$b73975d0\$abc03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan pse contact me. Do not have your email address.
72
Gene NOMQ

Date: Thu, 03 Jul 2003 17:18:46 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [153545] Re: Capacitor checker
Message-ID: <5.1.1.6.2.20030703171324.00a32db0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

These capacitor checkers also let you see if the capacitance varies with applied DC voltage. Many ceramic capacitors have a considerable "varactor effect". DC biased testers tell you how the cap will behave when you turn on the power. That, along with the leakage tests, are a big help for owners and builders of tube type gear.

72,
--Tim (KR0U)

>"AI2Q" <ai2q@adelphia.net>:
>

>The neat thing about the ol' Heathkits, Eicos, and other cap bridges is that
>you could apply a few hundred volts to the capacitor-under-test and quickly

>determine if there was excessive leakage at that voltage (the one I have
>uses a "magic eye" tube for that purpose). Some caps are FB at low voltages,
>but break down under HV.

>

>This may not be an issue with solid-state homebrew gear, but then again, you
>didn't say what your application was. For that reason, I use both a digital
>"DMM-like" C meter, as well as my trusty old Eico bridge.

Date: Thu, 3 Jul 2003 16:53:17 -0700 (PDT)
From: Garie Halstead <khyberpass65@yahoo.com>
To: Low Power radio discussion <qrp-l@Lehigh.EDU>
Subject: [153546] WRC 7-MHz Realignment compromise
Message-ID: <20030703235317.7414.qmail@web80504.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

>From ARRL Web site

Radio History is Made at WRC-03 with 7-MHz Realignment Compromise
(Jul 3, 2003) --

There's good news from World Radiocommunication Conference 2003
(WRC-03) for 40-meter enthusiasts. In an 11th-hour compromise,
delegates to WRC-03, which wraps up officially July 4, agreed to move
broadcasters out of 7100 to 7200 kHz in Regions 1 and 3 to make room
for the Amateur Service. The agreement eventually will mean a 200-kHz
worldwide allocation at 40 meters. Although the change does not go into
effect until 2009, that's considered speedy in International
Telecommunication Union (ITU) terms. Some of the timelines proposed
during discussions on the 7 MHz agenda item would have held off the
changes until 2033! The WRC-03 action on 7 MHz makes no change in the
exclusive US 40-meter allocation. US amateurs will continue to enjoy
the full 7000 to 7300 kHz band they now have.

72, Gary -K8KFJ-

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<http://sbc.yahoo.com>

Date: Thu, 3 Jul 2003 19:56:33 -0400
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [153547] Re: Field Day With Little or No Organization
Message-ID: <20030703.195633.-432031.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mike. We really did not have any horror stories from FD this year.
The closest I could come up with was one op that did not bring a sleeping
bag and slept in the duffel bag the main shelter was packed in.

His seeing-eye dog kept him company for the night, along with the usual
mosquitos.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
"My night light runs more power than my Rig!!!"

----- Forwarded message -----
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Mon, 30 Jun 2003 00:03:13 -0400
Subject: Re: Field Day With Little or No Organization

> Hi. Keith here in the Depths of the Great Bergen Swamp
>
Sounds like you had a great field day. But sometimes it's the people
you associate with, and you have to give them the credit.

So, how about the horror stories of field day. I know, airing our
dirty laundry. But bad situations do exist, and maybe other need
or would like to know about pitfalls. Hopefully to avoid!

Mike

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Thu, 3 Jul 2003 20:15:38 -0400
From: Vin Santis <vsantis@earthlink.net>
To: "Tentec (E-mail)" <tentec@contesting.com>
Cc: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [153548] Antenna Analyzers
Message-ID: <01C341A0.08BECA40.vsan@earthlink.net>

Hi,

I'm considering the purchase of an antenna analyzer but need some advice. My first choice was the MFJ 269 but, after some research I wonder about the Autek VA-1. They both seem to do the same thing but there is a significant difference in price. I checked out the reviews on eham and the 269 had a rating of 3.8 out of 5, the VA-1 was a little higher but fewer reviews. I will appreciate any and all comments or suggestions for another choice. TIA,

Vince Santis, N1VS
Winsted, CT
vsantis@earthlink.net

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Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.491 / Virus Database: 290 - Release Date: 6/18/03

Date: Thu, 3 Jul 2003 19:21:24 -0500
From: "Jonesy K9NX" <k9nx@insightbb.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [153549] RE: Indy QRP Activities?
Message-ID: <000001c341c2\$343e60f0\$6401a8c0@timee0x56en2qt>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Just a reminder the Hamfest is in a new location this year

<http://www.indyhamfest.com/>

73's
Jonesy

K9NX

Are there any QRP activities planned for the upcoming Indy Hamfest on July 12??? I'm planning to be there...

73,

Mark

=====

Mark Prather - WB9HFK

Date: Thu, 3 Jul 2003 20:23:20 -0400
From: "Jim Stamper" <jstamper@shentel.net>
To: <42hotrodz@sbcglobal.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153550] Re: SWL RIT Kit
Message-ID: <002c01c341c2\$7b5d2a70\$bd5b6fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FWIW, I believe Dave began to have a problem getting certain parts for the RIT kit (for the SW series) and could no longer offer it. Would love to hear how Dan's Small Parts' kit works out.

73,
jim-
KG4LDY

----- Original Message -----

From: "R F Hotz" <42hotrodz@sbcglobal.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, July 03, 2003 5:58 PM
Subject: Re: SWL RIT Kit

> I've received several requests from qrp-l subscribers
> to summarize the results of my WTB: SWL RIT kit that I
> posted yesterday.

>
> A number of qrp-lers suggested checking Dan's Small
> Parts & Kits, who has a "universal RIT kit," is priced
> at a mere \$10. I was planning to order one of his kits
> when out of nowhere, a K6 surfaced this a.m. and
> offered me his SWL RIT kit, which I of course grabbed.
> Have no idea why Dave ceased offering the RIT kit for
> the SWL series unless there was simply little or no
> demand any longer for the kit. I haven't located
> anyone thus far who has installed Dan's universal kit,
> but would really like to hear if anyone has tried
> and/or is using one.
>
> Thanks to all who replied to my request. Greatly
> appreciated.
>
> GL...72/73,
>
> Rod
> K5BGB
>

Date: Thu, 3 Jul 2003 17:27:30 -0700
From: "Lyle Johnson" <wa7gxd@fidalgo.net>
To: <vsantis@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153551] RE: Antenna Analyzers
Message-ID: <NEBBKGGNGLGOHDJKFAPHAEKMEIAA.wa7gxd@fidalgo.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Vince,

> I'm considering the purchase of an antenna analyzer but need some advice.
> My first choice was the MFJ 269 but, after some research I wonder
> about the Auttek VA-1...

I looked at things and bought the VA-1. I have no experience with the MFJ, but I can say that the VA-1 is compact and seems to do what Auttek claims it will do. I really wanted the sign of the reactance, and the VA-1 provides it.

The instructions are bit "light" but after I played with it for a while it

all became pretty clear.

73,

Lyle KK7P

Date: Thu, 3 Jul 2003 20:40:37 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [153552] Selling gear on the list
Message-ID: <21967007-ADB8-11D7-BCC3-003065EAB9EC@1stconnect.com>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Hi Gang:

One aspect of selling items here on the list is that often the sale simply goes to the first person who responds. All well and good for those list members who can monitor the list all day long and jump in with a quick bid. But, those list people who use the digest, or those who don't get to read items until late in the day, often lose the chance to buy an item.

I don't think we need an ebay style auction, but maybe sellers could set a deadline for buyers and then make a random choice from all those who indicate interest, with a backup selection, in case the "winner" has a change of heart. That way, more people would at least have a chance to pick up an item for sale.

73 de Ray
K2ULR
FN20t1

Date: Thu, 3 Jul 2003 20:41:06 -0400
From: "Jim Stamper" <jstamper@shentel.net>
To: <vsantis@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153553] Re: Antenna Analyzers
Message-ID: <007601c341c4\$f6a4b250\$bd5b6fcc@jim>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an Autek. The good news is it is pocket sized and measures every parameter you can ask for about an antenna.

The bad news is it runs on a 9 V. battery and uses them up fairly quickly. So, when you get where you are going with this wonderful portable meter, you may have to climb down and find another 9 v. battery. It has coarse and fine tuning knobs but setting an exact frequency can still be pretty touchy. Finally, it is fairly pricey.

I have appreciated it most in my role as an Elmer showing a friend why the automatic tuner built into his rig was having indigestion. The Autek is portable, fast and clear.

jim-
KG4LDY

----- Original Message -----

From: "Vin Santis" <vsantis@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, July 03, 2003 8:15 PM
Subject: Antenna Analyzers

> Hi,
>
> I'm considering the purchase of an antenna analyzer but need some advice.
> My first choice was the MFJ 269 but, after some research I wonder about the
> Autek VA-1. They both seem to do the same thing but there is a significant
> difference in price. I checked out the reviews on eham and the 269 had a
> rating of 3.8 out of 5, the VA-1 was a little higher but fewer reviews. I
> will appreciate any and all comments or suggestions for another choice.
> TIA,
>
> Vince Santis, N1VS
> Winsted, CT
> vsantis@earthlink.net
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.491 / Virus Database: 290 - Release Date: 6/18/03
>
>

Date: Thu, 03 Jul 2003 17:59:52 -0700
From: Steve Ratzlaff <steveratz@eoni.com>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [153554] AADE meter for capacitance
Message-ID: <3F04D188.33266917@eoni.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

The recent thread on cap meters mentioned the AADE L/C meter. I have one and would not be without it--but only for its inductance-measuring feature. I do not use the capacitance function. I have a small bag of precision caps I've acquired over the years, from 0.2 to 1% accuracy--using them, in the range of 1-2500pF, my AADE latest revision meter reads from 4-6% accuracy. At least for me, that is not good enough, for small-value caps. I have another digital cap meter I use when I want to measure capacitance--it's accuracy is 1%. I don't know why the AADE meter isn't more accurate on capacitance. I've brought it up with Neil, at AADE, but he indicated his meter was much more accurate on the values he used to calibrate his software, and has no plans to change anything.

Has anyone else checked their AADE meter using precision caps, and if so, what was your result?

Steve AA7U

Date: Thu, 03 Jul 2003 20:04:57 -0500
From: Dave Hottell <hottell@gulftel.com>
To: vsantis@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153555] Re: Antenna Analyzers
Message-ID: <3.0.6.32.20030703200457.008255a0@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Vince,

There was a discussion of analyzers here on the list within the last couple weeks or so. You may want to do a Google search and see what turns up.

I have the Autek VA-1 and find it worthwhile. Check antennas, measure feedline loss, check feedline length, measure L and C. It does all these

things fairly well. I have used a friend's MFJ and there is not much difference between them. The Autek gives sign of X, while the MFJ can be used as a freq counter, is probably the main operational difference.

The MFJ is also hard on batteries, I gather somewhat harder than the Autek. And the MFJ takes 10 AA cells, I believe, and you have to remove 8 screws (or something like that) to change batteries on it. No fun doing that on top of a tower, hi!

One day recently while using mine - out the the sun - the rightmost segments of the rightmost digit began to disappear. Looks like the sun overheated the lcd screen and those segments no longer work correctly. Can still read them, but with difficulty. So the quality of the Autek is not much better than the MFJ, which has somewhat of a reputation of needing repair, at least according to the reports I have read. YMMV

There are more accurate instruments than the Autek, but it is OK.

73 de Dave
ab9ca/4

At 08:15 PM 7/3/03 -0400, Vin Santis wrote:

>Hi,

>

>I'm considering the purchase of an antenna analyzer but need some advice.

>My first choice was the MFJ 269 but, after some research I wonder about the

>Autek VA-1. They both seem to do the same thing but there is a significant

>difference in price. I checked out the reviews on eham and the 269 had a

>rating of 3.8 out of 5, the VA-1 was a little higher but fewer reviews. I

>will appreciate any and all comments or suggestions for another choice.

>TIA,

>

>Vince Santis, N1VS

>Winsted, CT

>vsantis@earthlink.net

>

>

>---

>Outgoing mail is certified Virus Free.

>Checked by AVG anti-virus system (<http://www.grisoft.com>).

>Version: 6.0.491 / Virus Database: 290 - Release Date: 6/18/03

>

>

>

>

Date: Thu, 03 Jul 2003 21:12:13 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRP Canada <qrp-canada@neale.gpfn.sk.ca>, QRPL <qrp-1@Lehigh.EDU>
Subject: [153556] 5 Meg signals
Message-ID: <3F04D46D.4338F461@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Listened this morning from the truck using my TS50 while I was on my way to work, was listening on 5371.5 and was hearing Colorado at a 5x9. Been listening tonight since 2330z and hearing Michigan, Wisconsin, Texas, Florida, all at 5x9 levels.....just a great band...Wish we had the ohkee dokee to give her on the frequencies, my 160 meter dipole tunes up just great on this band.....all frequencies are busy with qso,s , but hearing sme pactor on 5366.5 and was earlier copying AR5USC with a pactor mars net.

Fred
VE3FAL

Date: Thu, 03 Jul 2003 18:17:53 -0700
From: Steve Ratzlaff <steveratz@eoni.com>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [153557] Epson Programmable Oscillator = lousy phase noise
Message-ID: <3F04D5C1.B7F978EB@eoni.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,
Recent comments about clock oscillators mentioned the Epson Programmable Clock Oscillator as a possible candidate for a use as an oscillator in a radio. Its stability is fine; its the horrible phase noise that makes it unsuitable for use in any sort of radio-type application as an oscillator. We had intended to use it as the local oscillator in a recent QST article I co-authored--for use at 3.500 MHz or 7.000, or other convenient frequencies where crystals are not commonly found without special ordering them. But when the breadboard was tested with the Epson part (programmed for 3.500 MHz), its very bad phase noise quickly became apparent, both close-in and far-out phase noise. I don't recall the exact phase noise values, but something like -70dBc/Hz at any spacing up to several hundred kilohertz from the carrier comes to mind. If you're not up on phase noise, this is very, very bad phase noise.

Even simple GHz oscillators using PCB inductors don't have this bad phase noise. (ARRL Lab test reports on radios include phase noise both for reception and transmission. At a typical spacing of 20 kHz from the carrier, modern radios typically offer synthesizers with phase noise in the -120 to -140dBc/Hz range. The larger the negative number, the better the phase noise performance of the synthesizer/oscillator. Many vintage radios using tubes and large airwound inductors in their oscillators, such as the R390A, had excellent phase noise, often below -145dBc/Hz at 20 kHz offset from the carrier, dropping even lower at increased offsets.)

Steve AA7U

Date: Thu, 3 Jul 2003 20:32:50 -0500
From: "Conard Murray" <ws4s@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153558] Re: Epson Programmable Oscillator = lousy phase noise
Message-ID: <00d401c341cc\$2eddfda0\$7d01a8c0@radio1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve is right ... these things don't belong anywhere near a radio. I tried one as the L0 for a LF converter and performance was terrible. Any signal below the super strong level was simply washed out by the noise from the L0. Replacing the Epson module with a crystal oscillator fixed the noise.
Conard, WS4S

Date: Thu, 3 Jul 2003 21:42:59 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Ray Sills <raysills@1stconnect.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153559] Re: Selling gear on the list
Message-ID: <20030703213912.A13244-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 2003, Ray Sills wrote:

> Hi Gang:
>
> One aspect of selling items here on the list is that often the sale
> simply goes to the first person who responds.

Yep...just like the classified ads in your local paper....usually the first person that shows up with the money buys the item.

> I don't think we need an ebay style auction, but maybe sellers could
> set a deadline for buyers and then make a random choice from all those
> who indicate interest, with a backup selection, in case the "winner"
> has a change of heart. That way, more people would at least have a
> chance to pick up an item for sale.

Hmmm...how many time zones will you consider...after all, some of us who don't get the digest, etc. might be asleep....and we need a handicap to protect us from the ones who are awake.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Thu, 3 Jul 2003 21:57:41 -0400
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153560] Re: FD "Tick... Boom"
Message-ID: <000e01c341cf\$a7ccd300\$0aaf590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom,

Your post brought back a Field Day memory for me from the year 1996 (I think!). I was president of the Piscataway Amateur Radio Club here in Central New Jersey at the time. Anyway, we were in the 40 meter trailer when we saw the black clouds approaching. We cut the power, disconnected the antenna; and simply threw the cable down on the floor of the trailer. The thunderstorm never got really bad; but there must have been quite a bit of static, as we heard a strange "ticking" noise in the trailer while waiting for the lightning to stop. We looked down on the floor and there were small blue sparks jumping from the coax center conductor to the PL-259 housing! That's what was causing the "ticking" sound!

We were quite glad that we disconnected the antennas from the radios.
The next thing we did was to pick up the cable (carefully) and throw it
outside the trailer!

73 de Larry W2LJ

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528

Date: Thu, 3 Jul 2003 21:05:07 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153561] Re: 5MHz INFO
Message-ID: <002f01c341e1\$749f7480\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Thom LaCosta" <baltimoremd@baltimoremd.com>
>
> And one wonders if the Feds are logging call signs...after all, they
> might have a vested interest in knowing who has equipment that can operate
> on "their" channels....and perhaps a master list of known good channel
> operators.

Yep, no doubt they're gonna steal your kidneys and leave you in a bathtub
full of ice. A properly fitted tinfoil hat can be useful to those in the
know, to thwart this evil 60 meter plot.

I'm still wanting to build a 60 M TX. What comes after the microphone?

72--Nick, WA5BDU

... monitoring channel 4

Date: Thu, 03 Jul 2003 21:10:06 -0500
From: Michael Goins <mgoins@usa.net>
To: <Makos327@worldnet.att.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153562] Re: [Re: FD
Message-ID: <841HgDckg4128S02.1057284606@uwdvg002.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Been there and done this one, for certain. =

Back in 1976, when I was a new novice, I was given a multiband dipole tha=
t was
coax fed. It worked pretty well (and I didn't as yet know about the wonde=
rs of
multibanding using ladderline). When disconnected from the rig, I put the=
end
of the coax in a big ceramic mug (like I was told to do by an oldtimer). =

One night I had the rig off and kept hearing a clicking sound in the area=
of
the radio desk. I finally treaced it to the coax and it was static discha=
rging
exery so often as static bled off. Blue sparks were visible with each pop=
, and
as fascinating as it was to watch, I changed things around to disconnect
outside after that. =

=

72,
mike
wb5yjx
100% Solar station: SW20+, SW30+, NE4040, RockMite40

Mobile: FT-817 @ 1 watt, CW and SSB
QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,
Alaska QRP 514, QCWA 30857

"Share what you know, learn what you don't."

Date: Thu, 03 Jul 2003 22:24:21 -0400
From: Lee Mairs <lmairs@direcway.com>
To: baltimoremd@baltimoremd.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: Scott Henderson <jscotth@austin.rr.com>
Subject: [153563] Re: 5MHz INFO
Message-ID: <002a01c341d3\$6450fd00\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

This whole mess can be laid to rest at the door of the Homeland Security Administration. The impact of 9/11 on our individual freedoms will far out weigh the damage to the Pentagon and the WTC. The Ben Franklin quote is most apt.

72 de Lee
KM4YY/8

----- Original Message -----

From: "Thom LaCosta" <baltimoremd@baltimoremd.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, July 03, 2003 7:04 PM
Subject: Re: 5MHz INFO

> On Thu, 3 Jul 2003, Ed Tanton wrote:

>

> >

> > Of course this was a STUPID thing by the FCC. Of course the conditions they

> > have set forth are poorly delineated. But of course, they have the upper

> > hand no matter angry we may feel at them.

>
> The FCC is simply enforcing the will of the other Federal agencies....you
> need to put the blame where it belongs....the Federal Emergency Step on
> our Rights, or whatever it's called. The FCC is simply a guard dog for
> them.
>
>
> > Thus my own, personal, solution
> > to not touch it (operation on 5MHz) with a ten foot pole.
>
> Here we agree...I don't need a channelized band for casual
> conversations...
>
> And one wonders if the Feds are logging call signs...after all, they
> might have a vested interest in knowing who has equipment that can operate
> on "their" channels....and perhaps a master list of known good channel
> operators.
>
> It boogles the mind that as communicators we hams would line up to
> fight each other for qso's on 5 frequencies.
>
> Maybe Ed, the next step for the 00 volunteers is to act as Channel
> Moderators....after all, someone needs to keep someone else from
> hogging the frequency (g).
>
>
> > All in all, as I said: this is not a good thing.
>
> Couldn't agree more.
>
> > "He that gives up a little liberty to gain
> > temporary security will lose both and
> > deserve neither".
>
>
> Hm...how many channels can they fit into 40 meters?
>
> Thom
>
> baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
> http://www.baltimoremd.com/ Baltimore's Home Page
> http://www.baltimorehon.com/ Home of the Baltimore Lexicon
> http://www.zerobeat.net Home of The QRP Web Ring and
DrakeList
> http://www.tlchost.net Web Hosting as low as \$3.49/month
>

Date: Thu, 3 Jul 2003 21:27:38 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<steveratz@eoni.com>
Subject: [153564] Re: AADE meter for capacitance
Message-ID: <004301c341e4\$9a246050\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's really interesting. I've had great results spot checking my AADE with some precision caps. Let me try some now:

287 @1% = 287.4 pF
347@1% = 348.3 pF
464@1% = 462.7 pF
10@10% = 9.95 pF
10@10% = 9.60 pF
10@10% = 9.88 pF
12@5% = 12.2 pF
12@5% = 12.25 pF

As you can see, they are well within tolerance. That's why I swear by the AADE.

It's great for L too, but zeroing lead length can get touchy.

I did have one interesting experience last week. I've come to regard my AADE as the ultimate authority, so I was surprised when some 44 and 88 mHy telephone toroids measured way high--higher by far than W3NQN predicted. But as a check, some modern, miniature 27 mHy chokes were dead on. So I was going to adjust my filter capacitors to account for the inductance deviation. But then I did a double check using resonance with a cap and an audio generator. Turns out the AADE was off.

Best I could put together, after studying the manual, is that the AADE was rendered inaccurate by inter-turn capacitance. The AADE does its check in the 100 kHz range, I think, so the C was probably significant.

72--Nick, WA5BDU

----- Original Message -----
From: "Steve Ratzlaff" <steveratz@eoni.com>

> Hi,
> The recent thread on cap meters mentioned the AADE L/C meter. I have one
> and would not be without it--but only for its inductance-measuring
> feature. I do not use the capacitance function. I have a small bag of
> precision caps I've acquired over the years, from 0.2 to 1%
> accuracy--using them, in the range of 1-2500pF, my AADE latest revision
> meter reads from 4-6% accuracy.
> Has anyone else checked their AADE meter using precision caps, and if
> so, what was your result?
> Steve AA7U

Date: Thu, 03 Jul 2003 22:05:11 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: steveratz@eoni.com,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153565] Re: AADE meter for capacitance
Message-ID: <3.0.2.32.20030703220511.006fdb40@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My caps are not precision but here's some results with 2% and 5% silver micas.

3000 @ 5% = 3073
1000 @ 5% = 1028
470 @ 2% = 463.1
240 @ 2% = 240.5
120 @ 2% = 119.3
82 @ 2% = 80.8
33 @ 2% = 33.02
33 @ 2% = 32.5
27 @ 2% = 26.6

I did have a 1% cap around but can't find it now. As I recall, it checked out OK. With these results, I'd have to trust the AADE cap measurements. Inductance has checked out OK too. At least with 5% chokes.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

Date: Thu, 3 Jul 2003 21:18:28 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: Fred Lesnick <flesnick@tbaytel.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153566] Re: 5 Meg signals
Message-ID: <Pine.LNX.4.44.0307032115370.2446-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think 5366.5 is a Ham frequency and we MUST use ONLY USB SSB, period.
If those total idiots who are in Army Mars are on a Ham frequency
running Pactor I hope the FCC throws them in prison for a long time.

On Thu, 3 Jul 2003, Fred Lesnick wrote:

> Listened this morning from the truck using my TS50 while I was on my way
> to work, was listening on 5371.5 and was hearing Colorado at a 5x9.
> Been listening tonight since 2330z and hearing Michigan,
> Wisconsin, Texas, Florida, all at 5x9 levels.....just a great band...Wish
> we had the ohkee dokee to give her on the frequencies, my 160 meter
> dipole tunes up just great on this band.....all frequencies are busy
> with qso,s , but hearing sme pactor on 5366.5 and was earlier copying
> AR5USC with a pactor mars net.
>
> Fred
> VE3FAL
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Thu, 3 Jul 2003 23:28:13 -0400
From: "Bob & Janet" <jbcraft@adelphia.net>
To: <k5di@msn.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153567] RE: 5 Meg signals
Message-ID: <AGEJJBFLLPLHMOECFDINOKEGKCFAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think 5366.5 is a Ham frequency and we MUST use ONLY USB SSB, period.
If those total idiots who are in Army Mars are on a Ham frequency
running Pactor I hope the FCC throws them in prison for a long time.

Hey Karl,
did I miss something... I thought that we were SECONDARY on 60m... wouldn't
MARS be primary?

Bob K8YS

Date: Thu, 3 Jul 2003 23:20:30 -0500
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [153568] Re: 5MHz INFO
Message-ID: <000601c341e3\$9bc0c7b0\$0100a8c0@MAIN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I can't believe that there are already conspiracy theories for why we
were giving a 60m allocation! Just enjoy it. It's better than nothing
and I can see the utility in the allocation during emergencies such as
hurricane nets, etc. It is a great NVIS band.

I too prefer 20m CW but why not let "king spark" take a rest and get on
60m today so that you can tell your grandkids (or for some of you,
great, great, great, grandkids) that you made QSO's the first day 60m
opened up. If you need a refresher on the 60m rules check out the
following site:

<http://www.doug-smith.net/sixty.htm>

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Thu, 3 Jul 2003 22:25:03 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-1@Lehigh.EDU
Subject: [153569] THE "TOO MUCH STUFF" FOR SALE STATUS REPORT
Message-ID: <PAEBJJIDFMKPNNHIEDIIGEDLCAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

THE "TOO MUCH STUFF" FOR SALE STATUS REPORT:

WM-1 QRP Wattmeter - SOLD
Wilderness Sierra w/KC-2 Keyer-Digital Readout & 8 Bands - SOLD
Small Wonder Labs SW-30 CW XCVR SOLD
Small Wonder Labs SW-40 CW XCVR - SOLD

STILL FOR SALE:

Oak Hills Research OHR500 CW XCVR 80, 40, 20, 30, 15 Meters - \$310
MFJ-971 - 1.8 - 30 MHz 200 Watt Portable Antenna Tuner - \$75
YAESU FT-90R VHF/UHF Dual Band FM Transceiver - \$300

Prices include insured UPS Ground shipping to CONUS

Please let me know if you are interested in any of these items and whether you need more info on them.

72 Dick AB0CD
schneiderdick@qwest.net

Date: Fri, 04 Jul 2003 00:39:29 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [153570] Re: 5MHz INFO
Message-ID: <3F050501.9C2589F@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Yates - AA5TB wrote:

>

> I can't believe that there are already conspiracy theories for why we
> were giving a 60m allocation!

I wonder if they conspire with Queen E, too. :)
Just worked Paul, G0HNNW!

> Just enjoy it.

Right!

73,

--Alex KR1ST

Date: Fri, 04 Jul 2003 01:05:31 -0400

From: Alex <kr1st@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [153571] Re: 5MHz INFO

Message-ID: <3F050B1B.98329AFE@amsat.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Heck, perhaps they conspire with the authorities on Puerto Rico, too.

Worked NP4A/M!

Just having fun.

73,

--Alex KR1ST

Alex wrote:

>

> Steve Yates - AA5TB wrote:

> >

> > I can't believe that there are already conspiracy theories for why we
> > were giving a 60m allocation!

>

> I wonder if they conspire with Queen E, too. :)

> Just worked Paul, G0HNNW!

>

> > Just enjoy it.

>

> Right!

>
> 73,
> --Alex KR1ST

Date: Fri, 04 Jul 2003 01:16:57 -0400
From: Chuck <WA6LTV@comcast.net>
To: qrp-1@Lehigh.EDU
Subject: [153572] AT SPRINT
Message-ID: <420e02a4210195.4210195420e02a@icomcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-language: en
Content-transfer-encoding: 7BIT
Content-disposition: inline

Good Evening,
Still looking for an AT SPRINT KIT. I missed the original post, thanks
to the AOL filters.
Will pay MONEY, TRADE, OR BOTH. E-Mail Direct.
Thanks, Chuck,WA6LTV/4

Date: Thu, 03 Jul 2003 23:04:28 -0700
From: Adam Farson <farson@shaw.ca>
To: kr1st@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [153573] RE: 5MHz INFO
Message-ID: <DMEILAEADPNBAHKBNMMHEEGEFIAA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Hi Alex,

If there were any conspiracies involving HM the Queen, or any arm of HM
Government, the Official Secrets Act would apply, and we would never hear
about them.

Cheers for now, 73,
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Alex

Sent: Thursday, July 03, 2003 21:39

To: Low Power Amateur Radio Discussion

Subject: Re: 5MHz INFO

Steve Yates - AA5TB wrote:

>

> I can't believe that there are already conspiracy theories for why we
> were giving a 60m allocation!

I wonder if they conspire with Queen E, too. :)

Just worked Paul, G0HNN!

> Just enjoy it.

Right!

73,

--Alex KR1ST

Date: Fri, 04 Jul 2003 02:26:49 -0400

From: Fran Flynn <fflynn@adelphia.net>

To: qrp-l <qrp-l@lehigh.edu>

Subject: [153574] 60 meters

Message-ID: <3F051E29.90409@adelphia.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

So far I have about 13 qso's logged. All phone, qrp friendly! I was running 25 w, but you could use an 817 and run 5 just as well. Before the weekend is out, I might have WAS on 60m!

The band is busy, get on, have fun!

The "channels" are 5330.5, 5346.5, 5366.5, 5371.5 and 5403.5 khz.

The only mode is SSB, upper side band, voice.

-KM1Z

Date: Fri, 04 Jul 2003 02:50:01 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153575] Re: Selling gear on the list
Message-ID: <5.2.1.1.2.20030704024159.02d3ace8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I suppose that would be possible-but what's fair about a random choice? So the guy who's been looking for just THIS item for years, and spotting it, immediately makes an offer, should learn that isn't good enough? If someone feels strongly enough about fairness to buyers that he/she wants to wait until 'everyone' has a shot, how about holding off on your drawing until I can save enough to buy it? Or at least until I can sell something to get the money? And what about early Friday evening, when-most weeks-my wife and I go to the movies. Could you not list stuff 'til we get back?

"Fairness" is always different in the individual eyes of a group-with "unfair" most frequently belonging to those who weren't there at the right time; don't have the money-or think it's too much; or have the slowest email ISP, etc. etc. This is pretty much the same less-than-intelligent (that's the NICEST way I can phrase it) argument wanting to somehow penalize people who have beams, because somebody cannot put one up. Give me a break.

It is difficult enough to convince people to 'advertise' their For-Sale stuff on the reflectors first-e.g. before ebay-without asking them to wait to list their item(s) because somebody's not home.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Fri, 4 Jul 2003 05:50:01 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>
Subject: [153576] Log for TAC Sprint Wanted
Message-ID: <000d01c34212\$2fd7c420\$53e65cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

First of all I hope everyone has a Safe & Happy 4th of July!!!!

I have been having some e-mail problems with my Internet provider so I am going
to use a different e-mail address. n3epa@yahoo.com .

I only have a total of 14 logs submitted for the Annual TAC Contest. I am not
posting the final scores until the deadline of July 12, 2003 has passed. But
there are still QRP'ers taking first place in different divisions with only a
few QSO's.

Below are the calls that I received logs from, they are in no kind of order.

W1PID

KJ8K

SP9NSV

N5OE	KA3WMJ	WB3GCK
WA3WSJ	K6III	KW3F
AB9CA/4	N4BP	AA0NI
W2AGN	WD8RIF	

I know that there were many more in the contest. So if you did operate the 2003 TAC Sprint back in June, please send me your logs. I will figure out your score for you, I check all scoring anyway. You can send all logs in text or Excel format via e-mail to n3epa@yahoo.com .

72 & Good DX
Ron de WB3AAL
wb3aal@yahoo.com
www.n3epa.org

Date: Fri, 04 Jul 2003 07:01:53 -0500
From: Dan Copeland <n0dt1@swbell.net>
To: n4xy@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153577] Re: Selling gear on the list
Message-ID: <5.2.0.9.2.20030704065740.0174f878@pop.swbell.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ed,

You said it well. There is a method that is fair to everyone. It gives you up to 9 days to decide or get back from the movies or get around to reading your email.....

It is called EBAY!!!!!!

So I guess if people keep griping that is where everything will end up.

Dan N0DT

At 02:50 AM 7/4/2003 -0400, Ed Tanton wrote:

>I suppose that would be possible-but what's fair about a random choice? So

>the guy who's been looking for just THIS item for years, and spotting it,
>immediately makes an offer, should learn that isn't good enough? If
>someone feels strongly enough about fairness to buyers that he/she wants
>to wait until 'everyone' has a shot, how about holding off on your drawing
>until I can save enough to buy it? Or at least until I can sell something
>to get the money? And what about early Friday evening, when-most weeks-my
>wife and I go to the movies. Could you not list stuff 'til we get back?
>
>"Fairness" is always different in the individual eyes of a group-with
>"unfair" most frequently belonging to those who weren't there at the right
>time; don't have the money-or think it's too much; or have the slowest
>email ISP, etc. etc. This is pretty much the same less-than-intelligent
>(that's the NICEST way I can phrase it) argument wanting to somehow
>penalize people who have beams, because somebody cannot put one up. Give
>me a break.
>
>It is difficult enough to convince people to 'advertise' their For-Sale
>stuff on the reflectors first-e.g. before ebay-without asking them to wait
>to list their item(s) because somebody's not home.
>
>
>
>73 Ed Tanton N4XY <n4xy@earthlink.net>

Date: Fri, 04 Jul 2003 08:11:50 -0400
From: "John L. Sielke" <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [153578] Re: 5 Meg signals
Message-ID: <UT4Y61PKNHS42930642EB2UPMB91W5Y.3f056f06@w2agn>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

I'm sorry, I have really tried to keep the flames off, but as a long time MARS member, first in USAF MARS, where I set up the first MARS station in Iceland, and later, after I left Active duty, in Army Mars, I can only take the greatest affront at this idiot's comments. Obviously he was never in the service, a long way from home, and had one of those "total idiots" run a phone patch to his loved ones, or even just handle a "I'm doing OK" message.

Of course, whoever commented that the 5MHz frequencies are shared is correct, but that is not the issue.

The issue is once again Karl makes an idiotic statement, which apparently is OK on QRP-L, but if anyone

DARES to suggest that this guy IS an idiot, they are considered insensitive, and a "trouble-maker." as I

was branded by Mr. Eshleman. Well if speaking out against this kind of garbage is trouble making, so be it.

If this was an isolated incident, you could say I was overreacting, but Karl comes up with this kind of

crap 2 or 3 times a week!

>I think 5366.5 is a Ham frequency and we MUST use ONLY USB SSB, period.

>If those total idiots who are in Army Mars are on a Ham frequency

>running Pactor I hope the FCC throws them in prison for a long time.

John W2AGN

Date: Fri, 04 Jul 2003 08:15:56 -0400

From: "Bill, N4QA" <n4qa@hotmail.com>

To: qrp-l@lehigh.edu

Subject: [153579] My first contacts on 60 meters this morning...

Message-ID: <BAY1-F86EjQxzmWecm900053fbd@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Well, y'all,

Got up this morning (sinfully late... 7 a.m.), carried the WM-2 out to my antenna's feed point (Heathkit HFT-9B QRP tuner) and re-tuned the antenna system for the 60-meter band...Kenwood TS-440S spewing 10 watts CW.

Came back in and promptly worked into Morehead City, North Carolina and Tampa, Florida on channel four...my 'phantom carrier' set for 5371.5 KHz, USB. Ok, I did run the transmitter power up to about 25 watts p.e.p. output first.

Had a great time chatting with Gary, K4AVC and Lou, KE4UYP for a few minutes.

Lou has already worked into Alaska from Florida and he related stories of others' having worked into England since the new band opened up.

The band sounds to me a lot like the Fourth of July, with all those static

crashes...how appropriate.

We can probably thank Tropical Storm 'Bill' for that :)

Did some listening last night and was impressed with the spirit of cooperation which existed among 60 meters' new inhabitants. Even heard an old pal, N4VL, down in Galax last night but I couldn't raise him with my antenna tuned for 20 meters at the time...

Nice band.

73.

Bill, N4QA

<http://www.n4qa.com>

The new MSN 8: smart spam protection and 2 months FREE*

<http://join.msn.com/?page=features/junkmail>

Date: Fri, 4 Jul 2003 07:34:15 -0500

From: "Jeff Imel" <jeffimel@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [153580] WTB or Trade: Red Hot Radio 40 or NorCal 40 with TiCK Keyer

Message-ID: <Law8-0E20YPxIjJahjI00015cd2@hotmail.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Anyone have a Red Hot Radio 40 they want to sell? Just love that AFA and TiCK Keyer!

How about a NorCal 40 with a TiCK keyer?

TNX es 73.

Jeff

KB9ZUR

Date: Fri, 4 Jul 2003 07:35:32 -0500

From: "Jeff Imel" <jeffimel@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153581] Re: WTB or Trade: Red Hot Radio 40 or NorCal 40 with TiCK Keyer
Message-ID: <Law8-0E21QHoEae7nGw00015cd5@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oooops! Forgot to mention: Please contact me off list at
jeffimel@hotmail.com.

73

Jeff

----- Original Message -----

From: "Jeff Imel" <jeffimel@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, July 04, 2003 7:34 AM
Subject: WTB or Trade: Red Hot Radio 40 or NorCal 40 with TiCK Keyer

>
> Anyone have a Red Hot Radio 40 they want to sell? Just love that AFA and
> TiCK Keyer!
>
> How about a NorCal 40 with a TiCK keyer?
>
> TNX es 73.
>
> Jeff
> KB9ZUR
>

Date: Fri, 04 Jul 2003 10:36:44 -0400
From: Jim Eshleman <jce0@Lehigh.EDU>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153582] Re: N3VXI off to NC
Message-ID: <3F0590FC.2040006@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Gang,

QRP-L is once again moderated. Enjoy.

73

Jim N3VXI

> Gang,

>

> I'm off to NC for a week. I've set QRP-L to unmoderated and we'll see
> how it goes. I'll likely not get much time in front of the computer
> while I'm gone - perhaps once or twice a day. I'll leave the list
> unmoderated as long as there doesn't seem to be a need for moderation.

>

> 73 es gl

> Jim N3VXI

Date: Fri, 04 Jul 2003 09:57:51 -0500

From: "Michael G. Heitmann" <n0so@charter.net>

To: schoon@amgt.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [153583] Re: Trip Announcement: July 5 thru July 12th

Message-ID: <3F0595EF.8090002@charter.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Mark Schoonover wrote:

>Thanks for Reading!

>

> Will be taking my first backpack trip with the Boy Scouts this week!
>Will be staying at 7000 feet in the Sierra Nevadas near Huntington Lake at
>the Camp Kern Boy Scout camp. Armed for bear - will have the 817, SD20,
>Norcal 44' doublet, BLT, VX5 and jpole. Power will be supplied from a 5 watt
>solar panel, and a couple of 2AH SLAs.

>

>

>

Hi Mark,

Boy, am I glad I'm not carrying all of that extra gear!

Seriously, have a great time. I've taken many backpacking trips with my sons and scout and other groups, including 4 trips to Philmont in NM. I almost always carry some form of a QRP station. These days it's an

SST-30 or SST-40 and a VX5 with appropriate roll up antennas and a C or D cell battery pack. We just moved to a new house here in Missouri, but I'll hurry up and get my station set up so I can listen for you.

Enjoy the trip!

73 de Mike, N0SO

Date: Fri, 4 Jul 2003 10:06:35 -0500
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [153584] Re: Antenna Analyzers
Message-ID: <000a01c3423d\$dcffb650\$0100a8c0@MAIN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Vince,

I cannot comment on the Autek but I have used the MFJ-259B for a long time and have really enjoyed it. I run it on alkaline batteries and with my normal use the batteries last for months. It does have a sleep mode but if you accidentally leave it on the batteries will be dead the next time you try to use it. It does everything I want it to do but I have had one problem with it. That is, the center pin of the SO-239 connector is just solder bridged over to the main PC board and the solder cracks over time. I cleaned all the solder off and soldered a small braid from the center pin to the board and I haven't had any problems since.

The MFJ does everything that I want it to do. It would be nice if it was smaller however.

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Fri, 04 Jul 2003 10:32:00 -0500

From: Karl Heimbach <kheimbach@ev1.net>
To: qrp-1@Lehigh.EDU
Subject: [153585] Way OT - Sparc Station suggestion
Message-ID: <5.1.0.14.2.20030704102907.00b224b8@mail.ev1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I'd like to try my hand at playing with a Sparc station, but am not
interested in spending a lot of money.
I'd like to run Linux as opposed to Solaris.

Any suggestions on a machine? There are lots of Sparc 5's, 10's, and 20's
on Ebay.

Thanks,

Karl - W5QJ

Date: Fri, 4 Jul 2003 11:44:30 -0400
From: "Emmersome Bigguns" <n8ie@woh.rr.com>
To: "Pigs" <fpqrp-1@mpna.com>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [153586] 6 meters
Message-ID: <MMEDLKDLONJOAIGICDJAKEGLEIAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

6 meters is booming into EM79.
Lots of VE's and I even managed to bag a C6A!

72, oo
Dan, N8IE

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.495 / Virus Database: 294 - Release Date: 6/30/2003

Date: Fri, 4 Jul 2003 08:53:25 -0700

From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [153587] Transistor Socket
Message-ID: <08D18BEFE0F59E4EB2BB78107B5A5271017377D7@blaze.bcsc.gov.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I want to experiment with different transistor/resistor combinations in my Rock-Mite 20 to try and boost the power output. It's currently too low to run my new MiniBoots amp. I have the pins for the resistor. Problem is, I have no transistor sockets. The ones in the Digi-Key catalogue don't look like they would work, too large a diameter. Does anyone have any spares they could part with that would work in this application? I just need one.

Doug VA7DD

Date: Fri, 04 Jul 2003 11:03:41 -0500
From: Dave Hottell <hottell@gulftel.com>
To: jsielke@pobox.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153588] Re: 5 Meg signals
Message-ID: <3.0.6.32.20030704110341.0091a8b0@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

John,

Well said. It is true that there are idiots in amateur radio, but in my experience those who operate MARS are not among them.

73 de Dave
ab9ca/4

At 08:11 AM 7/4/03 -0400, John L. Sielke wrote:
>I'm sorry, I have really tried to keep the flames off, but as a long time
MARS member, first in USAF MARS,
>where I set up the first MARS station in Iceland, and later, after I left
Active duty, in Army MARS, I can
>only take the greatest affront at this idiot's comments. Obviously he was
never in the service, a long way

>from home, and had one of those "total idiots" run a phone patch to his
loved ones, or even just handle a
>"I'm doing OK" message.
>
>Of course, whoever commented that the 5MHz frequencies are shared is
correct, but that is not the issue.
>The issue is once again Karl makes an idiotic statement, which apparently
is OK on QRP-L, but if anyone
>DARES to suggest that this guy IS an idiot, they are considered
insensitive, and a "trouble-maker." as I
>was branded by Mr. Eshleman. Well if speaking out against this kind of
garbage is trouble making, so be it.
>If this was an isolated incident, you could say I was overreacting, but
Karl comes up with this kind of
>crap 2 or 3 times a week!
>
>
>
>>I think 5366.5 is a Ham frequency and we MUST use ONLY USB SSB, period.
>>If those total idiots who are in Army Mars are on a Ham frequency
>>running Pactor I hope the FCC throws them in prison for a long time.
>
>
>John W2AGN
>
>
>
>

Date: Fri, 4 Jul 2003 09:51:25 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <Makos327@worldnet.att.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153589] Re: FD "Tick... Boom"
Message-ID: <005f01c3424c\$81e3e610\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Larry,

Had a very similar experience when I first moved to Tucson 25 years ago. I
had purchased a new house and installed my Hy-tower Jr. vertical in the back
yard. One afternoon I started hearing this loud, timed "tick" coming from
somewhere in the house. I tracked it to the radio room and to the feedline

laying on the floor. The cable was not connected to anything.

I picked up the cable and discovered a blue arc jumping between the center pin and shell of the PL-259. Not thinking, I grabbed onto the connector and the next time the arc jumped I became the path to ground. Man, did that smart! I found I could correlate the arcing incidents with puffy white clouds moving overhead!

This occurred many times across the years and the diodes in my SWR bridge kept blowing out. Eventually I changed all of my feedline connections such that they had a resistive path, or a path through an RF choke, to ground. That kept the charge from building up.

Regards, Thomas - AC7A (Tucson)

----- Original Message -----

From: "Lawrence Makoski" <Makos327@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, July 03, 2003 6:57 PM

Subject: Re: FD "Tick... Boom"

> Tom,

>

> Your post brought back a Field Day memory for me from the year 1996 (I
> think!). I was president of the Piscataway Amateur Radio Club here in
> Central New Jersey at the time. Anyway, we were in the 40 meter trailer
> when we saw the black clouds approaching. We cut the power,
> disconnected the antenna; and simply threw the cable down on the floor
> of the trailer. The thunderstorm never got really bad; but there must
> have been quite a bit of static, as we heard a strange "ticking" noise
> in the trailer while waiting for the lightning to stop. We looked down
> on the floor and there were small blue sparks jumping from the coax
> center conductor to the PL-259 housing! That's what was causing the
> "ticking" sound!

>

> We were quite glad that we disconnected the antennas from the radios.
> The next thing we did was to pick up the cable (carefully) and throw it
> outside the trailer!

>

> 73 de Larry W2LJ

>

> W2LJ@arrl.net

> <http://www.qsl.net/w2lj>

>

> ARRL Lifemember QRP ARCI #4488 NJQRP #47

> FISTS #1469 QRP-L #778 FP #612 QRPP-I #759

> ARS #1528

>
>
>

Date: Fri, 4 Jul 2003 11:52:05 -0500
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [153590] Tenna Dipper mirror site
Message-ID: <01e001c3424c\$9a280e90\$64c03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of our sites is down so pse use this one. thanks
72
Gene NOMQ
<http://www.w0ch.net/fsqrp/kits/kits.htm>

Date: Fri, 4 Jul 2003 18:06:29 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [153591] Happy fourth, c u'all tomorrow
Message-ID: <20030704.110704.511.102464@webmail09.lax.unttd.com>
Content-Type: text/plain

High y'all
now dont' forget to celebrate the fourth of july today... and iffin ur in the area
this weekend be sure and drop by the field day sight... u can't miss it...
it's the biggest open area for miles and the'll be all kinds of antennas held
up by whatever the imagination can conjure up... stop by and work a few
contacts... and iffin u an't driving (the driver) ur welcome to some good ole
cajun brew...but don't try and drive for a few hours after... just too many of the
same thing clouding ur vision and we dont' want u go to got u self hurt or hurt
someone else...
now u work some cw with a sip of kick-a-poo juice under ur belt and boy does
the code speed up for u... great dexterity elixer... not a tight muscle in ur
body.
bring ur favorite key we'll have plenty of rigs to hook up to....
have fun, and see u on field day...this weekend...

KE1LA JOEL
IN MAINE
FREEZIN

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 4 Jul 2003 14:42:19 -0400
From: Steve.Lawrence@ITWFEG.COM
To: vsantis@earthlink.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153592] Re: Antenna Analyzers
Message-ID: <0F3B8A2469.83C6DA63-0N85256D59.0064CA4C-85256D59.0066BF3B@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Vince,
I have both the Autek VA-1 and an MFJ-259. Neither are "clear winners" in my book, however either one is very useful for antenna work. First, the MFJ-269 is closer in features to the VA-1. Download the MFJ manuals from their web site to look them over.

The pluses and minuses are in things like: ease of use, size, battery life, displays.

* The MFJ is a bit easier to use. The display & meter combination works easier to see a dip, say, in SWR -- a lot easier than picking out a minimum value on a dancing digital readout (VA-1).

* The VA-1 tuning is touchy -- not impossible, but it's hard to dial in a specific frequency of concern.

* The VA-1 is more portable, compact, requires a single 9v battery. The MFJ needs 10 x AA cells, and can recharge them if desired.

* Neither instruments are laboratory grade, but both are well suited for Amateur Radio use. You'll wonder how you got along with out one if you mess with antennas a lot!

I've been intrigued by the Kuranishi BR-200, but haven't read much about it. This is a more expensive instrument (~\$400). Anyone out there have

one of these?

73,
Steve
aa8af

Date: Fri, 4 Jul 2003 14:47:52 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [153593] Auterk analyzer redux
Message-ID: <000601c3425c\$c6e310a0\$7e01a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Being as this thread has renewed itself, I'll say it again. Not too long ago I got to use N2RI's \$200 Autek to adjust my quarter wave feeders for my quadrature-fed phased verticals. When measuring impedance of the open 1/4-wave sections (series-tuned, low-Z) with the Autek, the reading was very low, as expected. However, adjusting the fine tuning control on the Autek's oscillator resulted in no change in the impedance reading because there wasn't enough resolution displayed. That is, the single digit showing Z wouldn't change while I was altering the frequency up and down. The digit finally jumped, and that left me with having to "muscle interpolate" the results. That's not good at all. I was disappointed.

The unit did give me reasonable readings for self-impedance however, and did show the sign of the j operator. It also converted nicely from rectangular into polar formats, but that's just a math function. My \$12 light-powered TI scientific calculator, with its R>P and P>R keys does the same thing (but better). Doing the mutual-Z calcs for phased verticals requires a lot of post-measurement R>P and P>R calculations and conversions anyway.

I also occasionally use an ancient but glorious General Radio 1606-A impedance bridge, excited by my MIL-surplus URM-25 signal generator, and null-detected with a Sony ICF-7600 portable shortwave receiver.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

Date: Fri, 4 Jul 2003 15:06:13 -0400

From: "Dennis Brickey" <n4dd@preferred.com>
To: <qrp-1@lehigh.edu>
Subject: [153594] FOX: N4DD Final Log. Thanks
Message-ID: <005401c3425f\$5740d9a0\$d4657642@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the fun this summer. Hope to do it again!!! It has been a
pleasure to
serve the group in this capacity!

Best 72!!!!

Dennis N4DD

2200 N4ROA 559 VA DAN 5W
2201 W5YR 559 TX GEORGE 5W
2201 K5JHP 559 TX BILL 5W
2202 AA7EQ 559 AZ BOB 5W
2203 K4MF 559 FL GARY 5W
2204 AC5JH 559 OK TOM 5W
2205 W5KDJ 559 TX WAYNE 600mw
2205 KK5NA 559 TX JOE 5W
2207 W5TB 559TX DOC 5W
2208 N5ZE 559 TX LEW 5W
2209 N5YFC 559 LA WAYNE 5W
2210 N0WX 559 MN MIKE 5W
2213 W7ILW 559 AZ WALT 5W
2218 NK6A 559 CA DON 5W
2222 W0MPR 539 CO GREGG 5W
2229 K5SR 559 TX DALE 5W
2236 N0JRN 559 MO JERRY 5W
2243 AB9CA 559 AL DAVE 5W
2243 K5TR 559 TX GEO 5W
2244 W0EB 559 KS JIM 5W
2248 K5DI 559 NM KARL 5W
2259 AC7A 559 AZ TOM 5W
2302 KB7WW 559 OR ART 5W
2318 N5IB 559 LA JIM 5W
2322 W9UQB 559 AZ MIKE 5W
plus the two gimmes

Date: Fri, 04 Jul 2003 15:17:20 -0400
From: Lee Mairs <lairs@direcway.com>
To: Doug.Davies@gems3.gov.bc.ca,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153595] Re: Transistor Socket
Message-ID: <020501c34260\$e710aff0\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Doug -

If you have one of those "machined pin" IC sockets in your junk box, you can break off one of the pins. They have worked for me as sockets for individual transistor leads.

72 de Lee
KM4YY/8

----- Original Message -----

From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, July 04, 2003 11:53 AM
Subject: Transistor Socket

> I want to experiment with different transistor/resistor combinations in my
> Rock-Mite 20 to try and boost the power output. It's currently too low to
> run my new MiniBoots amp. I have the pins for the resistor. Problem is,
> I
> have no transistor sockets. The ones in the Digi-Key catalogue don't look
> like they would work, too large a diameter. Does anyone have any spares
> they could part with that would work in this application? I just need
> one.

>
> Doug VA7DD
>
>
>

Date: Fri, 04 Jul 2003 15:48:35 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [153596] Re: Way OT - Sparc Station suggestion

Message-ID: <5.1.1.6.1.20030704154545.00b18770@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Karl,

Asking about a Sparc station on a ham radio mailing list is likely to draw some curious replies - like the fact that spark transmitters have been outlawed for years. (Grin)

I wish I could help you with the computer choice, though, but I'm not familiar with those machines. Good luck!

Dave

At 10:32 AM 7/4/2003 -0500, you wrote:

>Gang,
>
>I'd like to try my hand at playing with a Sparc station, but am not
>interested in spending a lot of money.
>I'd like to run Linux as opposed to Solaris.
>
>Any suggestions on a machine? There are lots of Sparc 5's, 10's, and 20's
>on Ebay.
>
>Thanks,
>
>Karl - W5QJ
>

Dave Hinerman
WD8CIV@att.net

Date: Fri, 04 Jul 2003 15:55:49 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [153597] Re: Auterk analyzer redux
Message-ID: <5.1.1.6.1.20030704155103.00b26ea0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>I also occasionally use an ancient but glorious General Radio 1606-A
>impedance bridge, excited by my MIL-surplus URM-25 signal generator, and

>null-detected with a Sony ICF-7600 portable shortwave receiver.

Alex et al:

This reminds me of a questions I've been wanting to ask the experts. In practice, is a noise bridge suitable for antenna measurements in the "hobby" accuracy class?

I had a little Palomar noise bridge some years ago, but I could never get it to show anything other than about 50 ohms resistance and just a few ohms reactance - even on an antenna that read an SWR of 10:1 or worse.

I thought I had followed the directions properly, but it just didn't seem to work the way I expected. I don't have it any more, but they're not that hard to build.

Anybody have any success stories to tell?

Dave

Dave Hinerman
WD8CIV@att.net

Date: Fri, 04 Jul 2003 16:27:39 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l@lehigh.edu
Subject: [153598] Quasi-Slinky Antenna?
Message-ID: <3F05E33B.5C77D738@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was in one of the area dollar stores the other day and saw a wall full of 15, 25, and 50 foot coiled telephone cords. I figure that connecting the four wires in parallel would make each cord "fat" enough to use as a nifty and cheap portable antenna.

Has anyone tried this?

72 - Al, K2ZN

Date: Fri, 4 Jul 2003 21:36:29 +0100

From: "Leon Heller" <leon_heller@hotmail.com>
To: <Doug.Davies@gems3.gov.bc.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153599] Re: Transistor Socket
Message-ID: <Law15-DAV370ZMb5LSl0000dae5@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, July 04, 2003 4:53 PM
Subject: Transistor Socket

> I want to experiment with different transistor/resistor combinations in my
> Rock-Mite 20 to try and boost the power output. It's currently too low to
> run my new MiniBoots amp. I have the pins for the resistor. Problem is,
I
> have no transistor sockets. The ones in the Digi-Key catalogue don't look
> like they would work, too large a diameter. Does anyone have any spares
> they could part with that would work in this application? I just need
one.

This is an old trick, but quite useful, for making temporary sockets for
transistors etc. Take some insulated stranded wire, cut some 2 cm or so
lengths, remove a few strands and plug the transistors into them. Solder the
other end into the PCB.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Fri, 4 Jul 2003 13:45:10 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [153600] Re: Transistor Socket
Message-ID: <08D18BEFE0F59E4EB2BB78107B5A5271017377DA@blaze.bcsc.gov.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks for all the informative replies on the request for a transistor socket. I do have a couple of machined pin IC sockets so I'll clip out three of the pins and use those.

Doug VA7DD

Date: Thu, 03 Jul 2003 02:39:43 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [153601] Re: 5 Meg signals
Message-ID: <3F03CFAF.B7C57350@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Hottell wrote:

> Well said. It is true that there are idiots in amateur radio, but in my
> experience those who operate MARS are not among them.

No, this is not an opinion on the MARS program or MARS operators.

I was at a meeting once where someone was trying to recruit folks for the MARS program. The big selling point, according to the fellow who held the talk, was that to get on HF you didn't need to pass a code test nor a complicated written test and that you get "exclusive" access to certain frequencies. I don't know if this argument is used in general by folks who recruit for the MARS program, but I wouldn't use it in a room full of Extra Class licensees. It sounded like he was giving a talk to a different type of audience.

I know quite a few MARS operators and I appreciate their dedication and what they do.

I do wonder though why there's pactor on one of the channels. If the channel is actively used for pactor, then I just don't understand why it was allocated for the Amateur Radio Service. Perhaps a non-active one could have been assigned instead.

73,
--Alex KR1ST

Date: Thu, 03 Jul 2003 02:51:55 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [153602] Re: Quasi-Slinky Antenna?
Message-ID: <3F03D28B.8E1D3B66@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nice idea! You could also solder the wires in series instead of parallel and build a very short linear loaded dipole with it.

Thanks for bringing it up. Your post reminded me that I have a 500ft roll of 6 or 8 conductor flat phone cable somewhere. Perhaps I could make a linear loaded dipole from it for 160 meters.

73,
--Alex KR1ST

Al Scanandoah wrote:

>
> I was in one of the area dollar stores the other day and saw a wall full
> of 15, 25, and 50 foot coiled telephone cords. I figure that connecting
> the four wires in parallel would make each cord "fat" enough to use as a
> nifty and cheap portable antenna.
>
> Has anyone tried this?
>
> 72 - Al, K2ZN

Date: Fri, 4 Jul 2003 17:11:22 -0500
From: Bud Rogers <budr@sirinet.net>
To: qrp-1@Lehigh.EDU
Subject: [153603] Re: FD "Tick... Boom"
Message-ID: <200307041711.22767.budr@sirinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Friday 04 July 2003 11:51, Thomas Kuehl wrote:

> I picked up the cable and discovered a blue arc jumping between the
> center pin and shell of the PL-259. Not thinking, I grabbed onto the

> connector and the next time the arc jumped I became the path to
> ground. Man, did that smart! I found I could correlate the arcing
> incidents with puffy white clouds moving overhead!

Early in my ham career I moved to a new place with a basement. I drilled a hole in a corner of the basement floor and drove an 8' ground rod. Then I lashed all my gear together with some heavy ground braid. I tossed the loose end of the braid over the back of the bench and scooted it into the corner over my fine new ground. Then I grabbed a pair of channel locks and a crescent wrench and crawled under the bench to make the final connection. I had an 80 meter dipole up and had been puttering around on the air a bit, so it was already hooked to the radio. Finding myself in cramped quarters under the bench with both hands full, for reasons known only to Murphy I stuck the loose end of the braid in my mouth. It took only seconds to figure out that was not the thing to do. I didn't feel a shock, but all my teeth hurt for days after that.

--

Bud Rogers <budr@sirinet.net> KD5SZ

Date: Fri, 4 Jul 2003 22:39:57 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [153604] serious thought, really
Message-ID: <20030704.154014.505.272197@webmail10.lax.unttd.com>
Content-Type: text/plain

High y all

yea its me again Martha... ah was just a thinking...now don t got dust gusted, it be written in a humerous way... hopefully... however it could be pratical and efficient to do... course then, I ve had a bit of my cajun mama s brew...

Let s get down to it, shall we...

I read lots and lots about folk bringing solar panels along to recharge batteries... and ah was wondering.... why not brought u self a long piece of wire... stretch it out so it be broadside to the prevailing wind and put the end through suitable diode, resistor, fuse circuits to change up a bank of capacitors... then slowly discharge them capicators into ur radio battery, using appropriate voltage and current controlling circuits....

For a long wire to arc across a sparkplug u kneaux u got some voltage and the spark tell u thair bees some current... voltage x current = power.... battery power if harnessed properly....

Any folk out thair try this or some variation of it????

KE1LA JOEL
IN MAINE
FREEZIN

The best thing to hit the internet in years - Juno SpeedBand!
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End of QRP-L Digest 2971

